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May 3, 2001

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

J1046 U.S. PTO
09/848140
05/03/01

Re: **UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. § 1.53(b)**

Inventors: Hideyo Osanai and Masahiro Furo

Title: *Metal-Ceramic Circuit Board and Manufacturing Method Thereof*

Assignee: Dowa Mining Co., Ltd. (Large Entity)

Priority: Japanese Application No. 2000-267206; September 4, 2000

Attorney Docket No.: 134.136 Customer No.: 023907

Dear Sir:

Enclosed is our check in the amount of \$1146 in payment of the government filing fee for the enclosed United States patent application, which application includes 23 pages of specification, 22 claims (8 independent, 14 dependent), Abstract of the Disclosure, 3 sheets of drawings, and an executed Declaration.

The following documents are also enclosed:

- 1) An Information Disclosure Statement, Form PTO-1449, and copies of the documents are enclosed.
- 2) Certified copy of priority Japanese application No. 2000-267206 filed on September 4, 2000 for the purpose of claiming priority.
- 3) Assignment, recordation cover sheet, and \$40.00 check.

Assistant Commissioner for Patents
Page 2
May 3, 2001
Applicants: Osanai et al.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 14-1080.

Respectfully submitted,


James E. Nilles
Registration No. 16,663

Certification Under 37 CFR 1.10

Express Mail Label No: EL844874579US

Date of Deposit: May 3, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service in "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.


Diane Schwaiger

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PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

D.G.
8-1-01

05/07/2001 AOSMAN1 00000002 09848140

01 FC:101	710.00 0P
02 FC:102	400.00 0P
03 FC:103	36.00 0P

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*U.S. GPO: 2000-468-987/39595